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**Classification:**

**- international:** *B01D65/02; B01D 65/08; B01D65/00; (IPC1-7): B01D65/02; B01D65/08*

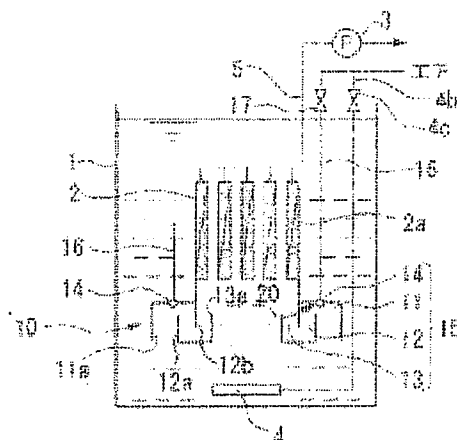
- **European:**

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Abstract of JP 2003340250 (A)

**PROBLEM TO BE SOLVED:** To improve treatment efficiency by effectively suppressing deposition of solid components on a membrane surface in a membrane separation device used while membrane members are dipped into raw water. ; **SOLUTION:** An air bubble shot discharging means 10 is installed at the lower part of the membrane members 2, which means 10 discharges air bubble shots intermittently. The air bubble shot discharging means 10 is preferably provided with a gas siphon chamber 15 capable of discharging the air bubble shots by a reverted siphon action and a means supplying gas to the gas siphon chamber 15. ; **COPYRIGHT:** (C)2004,JPO



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